

Amendments To The Claims:

1-16. (Cancelled)

17. (Withdrawn – currently amended) The system of claim [[16]] 22, which further comprises a reservoir that continuously supplies the coating material source with coating material.

18. (Cancelled)

19. (Withdrawn) The system of claim 17, wherein the reservoir is a fermentor containing cells.

20. (Withdrawn) The system of claim 17, wherein the coating material is circulated between the reservoir and the coating material source.

21. (Withdrawn – currently amended) The system of claim [[16]] 22 wherein the surface of the second roller comprises a plurality of grooves.

22. (Currently amended) A system for coating a stent having a tubular portion with an outer surface, wherein the system comprises:

a coating material source containing a coating material comprising a solvent and a biologically active material ~~comprising an antibiotic or an antiproliferative agent~~;

a first roller having a surface; and

a second roller having a surface, wherein:

the first roller is situated relative to the coating material source so that the coating material in the coating material source ~~can be~~ is transferred to the first roller surface;

the first roller and second roller are situated relative to each other so that the first roller ~~can transfer~~ transfers the coating material transferred to the first roller surface to the second roller surface, and

the second roller is situated relative to the tubular portion so that the second roller ~~can transfer~~ transfers the coating material transferred to the second roller surface to the outer surface of the tubular portion.

23. (Original) The system of claim 22, wherein the surface of the second roller is rougher than the surface of the first roller.

24. (Original) The system of claim 22, wherein the surface of the first roller contacts the surface of the second roller and the surface of the second roller contacts the outer surface of the tubular portion.

25. (Original) The system of claim 22, further comprising a mechanism for removing excess coating material from the surface of the first roller.

26. (Original) The system of claim 25, wherein the mechanism is at least one of a metering roller, a doctor blade or an air knife.

27. (Original) The system of claim 22 further comprising an energy source for converting the coating material applied to the outer surface of the tubular portion into a coating.

28. (Original) The system of claim 27, wherein the energy source is a heater.

29. (Original) The system of claim 27, wherein the energy source is an ultraviolet source.

30-35. (Cancelled)

36. (New) The system of claim 22, wherein the biologically active material comprises a genetic material.

37. (New) The system of claim 22, wherein the biologically active material comprises an antibiotic or an antiproliferative agent.

38. (New) The system of claim 22, wherein said first roller surface comprises an outer surface.